

EPA Jacket 10324-165

Vol.2



MASON

Quaternary Specialists

December 14, 2010

Velma Noble
Office of Pesticide Programs (7504P), PM31
U.S. Environmental Protection Agency
Room S4900, One Potomac Yard
2777 S. Crystal Dr.
Arlington, VA 22202

*File
in
Jacket*

Subject: Maquat® MC1416-90%, 10324-165
Final copy

Dear Velma,

Enclosed is one (1) copy of our final label for Maquat® MC1416-90%, 10324-165 per your letter dated 11/10/10.

Very truly yours,

MASON CHEMICAL COMPANY

Elizabeth Tannehill

Enclosure

MAQUAT[®] MC1416-90%

For Manufacturing Use For Formulation into Antimicrobial Products

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. Keep Out of Reach of Children. Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed. May be fatal if inhaled or absorbed through skin. Do not breathe vapor or spray mist. Do not get in eyes, on skin or on clothing. Wear a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any N, R, P or HE prefilter. Wear goggles or face shield and rubber gloves and protective clothing when handling. Wash thoroughly with soap and water after handling and before eating, drinking, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, aquatic invertebrates, oysters, and shrimp. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.
Do not mix with oxidizers, soap or other anionic materials.

(Note to reviewer: The title, first statement and next three sections must appear on every label, followed by the appropriate Container Disposal section. All "Notes" are only for reviewers and will not be included on label.)

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **PESTICIDE STORAGE:** Open dumping is prohibited. Store only in original container. Do not reuse empty container. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use. Keep from freezing. **PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance. **SPILL OR LEAK PROCEDURES:** Small spills may be mopped up, flushed away with water or absorbed on some absorbent material and incinerated. Large spills should be contained; the material then moved into containers and disposed of by approved methods for hazardous wastes.

(Note: The following text must be used on all nonrefillable containers)

CONTAINER DISPOSAL (Larger than 1 gal.): Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. In addition, plastic containers may be disposed of by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

(Note: The following text must be used on all refillable containers)

CONTAINER DISPOSAL: Refillable container. Refill this container with (this product) (Product name) only. Do not reuse this container for any other purpose. **RESIDUE REMOVAL INSTRUCTIONS** (For containers greater than 5 gallons with Industrial/Commercial Non-public Health Uses): Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration.

ACTIVE INGREDIENTS:

Alkyl (60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈) dimethyl benzyl ammonium chloride 90.00%

INERT INGREDIENTS: 10.00%

TOTAL: 100.00%

Weight Approx. 7.4 lbs/gal.

KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO

See left panel for additional precautionary statements

First Aid

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. **IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. **IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. **IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice. **IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. **NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. For formulation into antimicrobial products for use in agricultural/farm premises, structures, buildings, and equipment; dairy farm milk handling facilities, equipment, storage rooms, houses and sheds; food processing plant, food handling, food distribution equipment and premises; eating establishment premises and equipment; commercial, institutional, and industrial premises and equipment (floors, walls, storage areas); domestic dwellings, food handling areas, bathroom premises (hard surfaces), indoor premises; and medical institutional critical care and non-critical premises and laundry. For formulation into antimicrobial products for use in air conditioner/refrigeration condensate water systems, air washer and industrial scrubbing systems, once-through and recirculating, industrial/commercial cooling water systems, pulp/paper mill water systems, auxiliary water and waste water systems, swimming pools, and decorative pool, fountains and water displays. Wood preservation – seasoned wood pressure/thermal treatment and non-pressure treatment (joinery/remedial), and sapstain treatment, gas/oil drilling muds/packet fluids, gas/oil recovery injection water systems, oil field water flood/salt water disposal systems, mushroom houses/empty premises equipment, egg handling equipment and rooms, egg washing treatment poultry processing plant equipment/premises, meat processing plant/equipment. Formulators using this product are responsible for providing data for the EPA registration of their formulated products.

MASON CHEMICAL COMPANY "THE QUATERNARY SPECIALISTS"

721 W. Algonquin Rd
Arlington Heights, IL 60005
847-290-1621
Toll Free
1-800-362-1855
E.P.A. Reg. No. 10324-165
E.P.A. Est. No. 10324-IL-1



NET CONTENTS

BATCH NO

Material to be added to an e-Jacket/Jacket

Reg. No. 103 241-165

1. ☐ Placement within the e-Jacket/jacket:
- ☐ Default: (chronological, top/newest)
 - ☐ Description: (PDF page number, i.e., "before page 45")
-
-

2. ☐ Send to Data Extraction contractors this material:

- ☐ Newly stamped accepted label
- ☐ Notification
- ☐ New CSF
- ☐ Other: Label Amendment

3. Attach this coversheet to the top of the material or jacket. It must be well organized and clipped together, NOT STAPLED. Then give the material with this coversheet to staff in the Information Services Center (Room S-4900).

Reviewer's Name: PM Team 3/

Phone: (23) 3088032 Division: AD

Date: 11 / 8 / 10

Created January 26, 2009

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Ms. Megha Shah Even
 Regulatory Consultant
 Mason Chemical Company
 721 W. Algonquin Rd.
 Arlington Heights, IL 60005

Subject: **Maquat MC 1416-90%**
 EPA Registration No. 10324-165
 Application Date August 13, 2010
 EPA Received Date August 16, 2010

NOV 10 2010

Dear: Ms. Even:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 3(c)(7)(a), as amended, is acceptable subject to the conditions listed below:

Proposed Amendments

- Revise Storage and Disposal Section
- Add additional language

Revise the label as follows:

1. Revise the label to provide clarity by deleting the word "only" such that the text on page 1 reads: "For Manufacturing Use".
2. Revise the Precautionary Statements to include the following expanded "Wash thoroughly..." statement as per the Label Review Manual. Revise to include: "Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, *using tobacco or using the toilet.*"
3. Revise the Environmental Hazards statement to be in agreement with the ADBAC RED by including the following statement: "This product is toxic to fish, *aquatic invertebrates, oysters and shrimp.* Do not discharge effluent containing this product into lakes, streams..."
4. Delete the "Triple rinse or equivalent." statement from the refillable container disposal section on page 2. This information contradicts the information which follows in the Residue Removal Instructions.

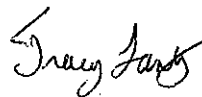
General Comments:

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

A stamped copy of the accepted labeling is enclosed. Submit one (1) copy of your final printed labeling before distributing or selling the product bearing the revised labeling.

Should you have any questions concerning this letter, please contact Jamil Mixon at (703) 308-80-32 or Velma Nobel at (703) 308-6233.

Sincerely,



for Velma Noble
Product Manager (31)
Regulatory Management Branch I
Antimicrobials Division (7510P)

Enclosure: stamped label

MAQUAT[®] MC1416-90%

For Manufacturing Use Only
For Formulation into Antimicrobial Products

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. Keep Out of Reach of Children. Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed. May be fatal if inhaled or absorbed through skin. Do not breathe vapor or spray mist. Do not get in eyes, on skin or on clothing. Wear a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any N, R, P or HE prefilter. Wear goggles or face shield and rubber gloves and protective clothing when handling. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash clothing before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.
Do not mix with oxidizers, soap or other anionic materials.



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E.P.A. Reg. No. 10324-165
E.P.A. Est. No. 10324-IL-1

NET CONTENTS

BATCH NO

ACCEPTED
with COMMENTS
in EPA Letter Dated:

NOV 10 2010

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No.

10324-165

ACTIVE INGREDIENTS:

Alkyl (60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈) dimethyl benzyl ammonium chloride 90.00%

INERT INGREDIENTS: 10.00%

TOTAL: 100.00%

Weight Approx. 7.4 lbs/gal.

KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO

See left panel for additional precautionary statements

First Aid

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

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NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

For formulation into antimicrobial products for use in agricultural/farm premises, structural buildings, and equipment; dairy farm milk handling facilities, equipment, storage rooms, houses and sheds; food processing plant, food handling, food distribution equipment and premises; eating establishment premises and equipment; commercial, institutional, and industrial premises and equipment (floors, walls, storage areas); domestic dwellings, food handling areas, bathroom premises (hard surfaces), indoor premises; and medical institutional critical care and non-critical premises and laundry. For formulation into antimicrobial products for use in air conditioner/refrigeration condensate water systems, air washer and industrial scrubbing systems, once-through and recirculating industrial/commercial cooling water systems, pulp/paper mill water systems, auxiliary water and waste water systems, swimming pools, and decorative pool, fountains and water displays. Wood preservation - seasoned wood pressure/thermal treatment and non-pressure treatment (joinery/remedial), and sapstain treatment, gas/oil drilling muds/packet fluids, gas/oil recovery injection water systems, oil field water flood/salt water disposal systems, mushroom houses/empty premises equipment, egg handling equipment and rooms, egg washing treatment poultry processing plant equipment/premises, meat processing plant/equipment.

Formulators using this product are responsible for providing data for the EPA registration of their formulated products.

(Note to reviewer: The title, first statement and next three sections must appear on every label, followed by the appropriate Container Disposal section. All "Notes" are only for reviewers and will not be included on label.)

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Open dumping is prohibited. Store only in original container. Do not reuse empty container. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use. Keep from freezing.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

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(Note: The following text must be used on all nonrefillable containers)

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HAZARDS TO HUMANS
AND DOMESTIC ANIMALS**

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dimethyl benzyl ammonium chloride 90.00%

INERT INGREDIENTS: 10.00%

TOTAL: 100.00%

Weight Approx. 7.4 lb/gal.

First Aid

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IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

ACCEPTED MASON CHEMICAL COMPANY
with COMMENTS "THE QUATERNARY SPECIALISTS"
EPA Letter Data 721 W. Algonquin Road
Arlington Heights, IL 60005

JAN 24 2006

847-290-1621

Toll Free:

1-800-362-1855

E.P.A. Reg. No. 10324-XXX

E.P.A. Est. No. 10324-IL-1

Under the Federal Insecticide, Fungicide, and Rodenticide Act, amended, for the pesticide registered under EPA Reg. No. 10324-165

BATCH NO

3/3

6

Receipt for Section 3



S:
 Web Registration: ☐ Yes ☒ No
 Regulatory Type: Fee For Service: ☒ Yes ☐ No
 Application Type: Billable: ☐ Yes ☒ No
 Company: ☒

Risk Manager:

Product #: Product Name:

Over 100%

IME Too IME Too
 Section 3: Product Name:

Application Date:
 Front End Date:
 FFS Due Date:
 OPP Target Date:
 OPP Rec'd Date:
 Risk Manager Send Date:
 Registered Due Date:

Post Party ☐ ☐
 Receipt Description:

New Amendment:
 Registered Date:
 New Target Date:
 Registered Date:
 New Amendment:
 Registered Date:
 New Target Date:
 Registered Date:

Form A: ☐ Signature Date: Form B: ☐ Signature Date:



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

August 17, 2010

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

MARK MASON
MASON CHEMICAL CO
721 W ALGONQUIN RD
ARLINGTON HEIGHTS, IL 60005

PRODUCT NAME: MAQUAT MC1416-90%
COMPANY NAME: MASON CHEMICAL CO
OPP IDENTIFICATION NUMBER:
EPA FILE SYMBOL: 10324-165
EPA RECEIPT DATE: 08/16/10

SUBJECT: RECEIPT OF AMENDMENT

DEAR REGISTRANT:

The Office of Pesticide Programs has received your application for an amendment and it has passed an administrative screen for completeness.

During the initial screen we determined that the application appears to qualify for fast track review. The package will now be forwarded to the Product Manager for review to determine its acceptability for fast track status.

If you have any questions, please contact Antimicrobials Division, Risk Management Team 31, at (703) 308-6233.

Sincerely,

P. K. Moser
Front End Processing Staff
Information Services Branch
Information Technology & Resources Management Division

Fee for Service

^{perm} {8805096~

This package includes the following

- ☐ New Registration
- ☒ Amendment

- ☐ Studies? ☐ Fee Waiver?
- ☐ volpay % Reduction: ____

for Division

- ☒ AD
- ☐ BPPD
- ☐ RD

Risk Mgr. 31

Receipt No.

S- 880509

EPA File Symbol/Reg. No.

10324-165

Pin-Punch Date:

8/16/2010

☒ This item is NOT subject to FFS action.

Action Code:

Requested:

Granted:

Amount Due: \$ _____

Parent/Child Decisions:

☐ Inert Cleared for Intended Use

☐ Uncleared Inert in Product

Reviewer: TCM 2

Date: 08-17-2010

Remarks:



United States
Environmental Protection Agency
Washington, DC 20460

Registration
Amendment
Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 10324-165	2. EPA Product Manager Velma Noble	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) MAQUAT® MC1416-90%	PM# 31	
5. Name and Address of Applicant (Include ZIP Code) Mason Chemical Company 721 W. Algonquin Rd. Arlington Heights, IL 60005 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input checked="" type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

This amendment is to add language pertaining to nonrefillable/refillable containers and to make additional changes on the product label.

Not subject to PRIA. Fast-track amendment.

See cover letter for additional information: Megha Shah Even, meven@tsgusa.com, fax 202-872-0745

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	
				<input type="checkbox"/> Plastic	
				<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Megha Even, Technology Sciences Group Inc.		Title Regulatory Consultant		Telephone No. (Include Area Code) (202) 828-8954	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					6. Date Application Received (Stamped)
2. Signature 		3. Title Regulatory Consultant to Mason Chemical Co.			
4. Typed Name Megha Shah Even		5. Date August 13, 2010			



WASHINGTON

1150 18th Street, N.W.

Suite 1000

Washington, D.C. 20036

Telephone 202 223-4392

Fax 202 872-0745

August 13, 2010

Velma Noble
Document Processing Desk
Office of Pesticide Programs (7510C), PM31
U.S. Environmental Protection Agency
Room S4900, One Potomac Yard
2777 S. Crystal Dr.
Arlington, VA 22202

RE: MAQUAT® MC1416-90%
EPA Registration Number: 10324-165

Non-PRIA Action: Fast track amendment

SACRAMENTO

712 Fifth Street

Suite A

Davis, CA 95616

Telephone 530 757-1298

Fax 530 757-1299

Dear Velma,

Mason Chemical Company is submitting an application to amend the storage and disposal section, as well as add additional language, to the label for MAQUAT® MC1416-90%. You will find the following enclosed to support this amendment:

- 1) EPA Application Form;
- 2) One (1) highlighted copy of the label with proposed changes; and
- 3) Three (3) copies of the product label

If you have any questions, please feel free to contact me at (202)-828-8954 or meven@tsgusa.com.

Sincerely,

Megha Shah Even
Regulatory Agent for Mason Chemical Company

cc: Elizabeth Tannehill, Mason Chemical Company

CANADA

275 Slater Street

Suite 900

Ottawa, Ontario

K1P 5H9

Telephone 613 247-6285

Fax 613 236-3754

Material to be added to an e-Jacket

Reg. No. 10324-165

1. Placement within the e-Jacket:

- ☐ Default: chronological top
 - ☐ Other: (PDF page number, i.e., "before page 45")
-

2. Is this material:

- ☐ Newly stamped accepted label
- ☐ Notification
- ☒ New CSF
- ☐ Final Printed Label
- ☐ Other: _____

3. Attach this notice on top of the material. It must be clipped all together, **NOT STAPLED**. Then give the material with this coversheet to staff in the Information Services Center (Room 230).

Reviewer's Name: D. Keglir

Phone: 203 308-0197 Division: AD

Date: 3/28/07

DATA PACKAGE BEAN SHEET

Date: 14-Jun-2006

Page 1 of 2

***** Registration Information *******Registration: 10324-165 - MAQUAT MC1416-90%**

Company: 10324 - MASON CHEMICAL CO

Risk Manager: RM 31 - Velma Noble - (703) 308-6233 Room# PY1 S-8219

Risk Manager Reviewer: Dana Kegler DKEGLER

Sent Date:

Calculated Due Date: 03-Sep-2006

Edited Due Date:

Type of Registration: Product Registration - Section 3

Action Desc: (362) FORMULA CHANGE; TECHNICAL;

Ingredients: 069104, Alkyl* dimethyl benzyl ammonium chloride *(60%C14, 30%C16, 5%C18, 5%C12)(90%

***** Data Package Information *****Expedite: Yes ☒ No

Date Sent: 14-Jun-2006

Due Back:

DP Ingredient: 069104, Alkyl* dimethyl benzyl ammonium chloride *(60%C14, 30%C16, 5%C18, 5%C12)

DP Title:

CSF Included: Yes ☒ NoLabel Included: Yes ☒ No

Parent DP #:

Assigned To

Date In

Date Out

Organization: AD / PSB

Last Possible Science Due Date: 24-Mar-2006

Team Name: CTT

Science Due Date: 5/3/06

Reviewer Name: Chris

6/14/04
6/14/04
6/14/04

Sub Data Package Due Date: 7/19/06

Contractor Name:

***** Studies Sent for Review *****

Printed on Page 2

***** Additional Data Package for this Decision *****

No Additional Data Packages

***** Data Package Instructions *****

Please review the attached Group A product chemistry data.

MRID 46838001

CSF
needed* CSF not attached
to file for reviewDUPLICATE
REVIEWED

IN D321254 & D323676

16

MRID	Citation/Reference	Guideline
46838001	Tannehill, E. (2005) Product Chemistry Data: Maquat MC1416-90%. Unpublished study 830.1670/Discussion of formation prepared by Mason Chemical Co. 12 p.	
46838001	Tannehill, E. (2005) Product Chemistry Data: Maquat MC1416-90%. Unpublished study 830.1750/Certified limits prepared by Mason Chemical Co. 12 p.	
46838001	Tannehill, E. (2005) Product Chemistry Data: Maquat MC1416-90%. Unpublished study 830.1800/Enforcement analytical prepared by Mason Chemical Co. 12 p.	

MRID	Citation/Reference	Guideline
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46838001	Tannehill, E. (2005) Product Chemistry Data: Maquat MC1416-90%. Unpublished study 830.1800/Enforcement analytical prepared by Mason Chemical Co. 12 p.	

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS
AND DOMESTIC ANIMALS**

DANGER. KEEP OUT OF REACH OF CHILDREN. Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed. May be fatal if inhaled. Harmful if absorbed through skin. Do not breathe vapor or spray mist. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves and protective clothing when handling. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash clothing before reuse.

ENVIRONMENTAL HAZARD

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.
Do not mix with oxidizers, soap or other anionic materials.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Open dumping is prohibited. Store only in original container. Do not reuse empty container. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use. Keep from freezing.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

SPILL OR LEAK PROCEDURES: Small spills may be mopped up, flushed away with water or absorbed on some absorbent material and incinerated. Large spills should be contained; the material then moved into containers and disposed of by approved methods for hazardous wastes.

CONTAINER DISPOSAL (Larger than 1 gal.): Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. In addition, plastic containers may be disposed of by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

For formulation into antimicrobial products for use in agricultural/farm premises, structures, buildings, and equipment; dairy farm milk handling facilities, equipment, storage rooms, houses and sheds; food processing plant, food handling, food distribution equipment and premises; eating establishment premises and equipment; commercial, institutional, and industrial premises and equipment (floors, walls, storage areas); domestic dwellings, food handling areas, bathroom premises (hard surfaces), indoor premises; and medical institutional critical care and non-critical premises and laundry. For formulation into antimicrobial products for use in air conditioner/refrigeration condensate water systems, air washer and industrial scrubbing systems, once-through and recirculating industrial/commercial cooling water systems, pulp/paper mill water systems, and swimming pools wood preservation - seasoned wood pressure/thermal treatment and non-pressure treatment (joinery/remedial), and sapstain treatment, gas/oil drilling muds/packet fluids, gas/oil recovery injection water systems, mushroom houses/empty premises equipment, egg handling equipment and rooms, egg washing treatment poultry processing plant equipment/premises, meat processing plant/equipment.

Formulators using this product are responsible for providing data for the EPA registration of their formulated products.

ACTIVE INGREDIENTS:

n-Alkyl (60%C₁₄, 30%C₁₆, 5%C₁₂, 5%C₁₈)

dimethyl benzyl ammonium chloride 90.00%

INERT INGREDIENTS: 10.00%

TOTAL: 100.00%

Weight Approx. 7.4 lb/gal.

First Aid

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

ACCEPTED MASON CHEMICAL COMPANY
with COMMENT "THE QUATERNARY SPECIALISTS"
EPA Letter Data M 721 W. Algonquin Road
Arlington Heights, IL 60005

JAN 24 2006

847-290-1621

Toll Free:
1-800-362-1855

E.P.A. Reg. No. 10324-XXX
E.P.A. Est. No. 10324-IL-1

Under the Federal Insecticide,
Fungicide, and Rodenticide
Act, amended, for the pesticide
registered under EPA Reg. No.
NET CONTENTS

10324-165 BATCH NO

MEMORANDUM

DATE: 6/5/06

TO: AD(31), Regulatory Manager

FROM: Information Services Branch, IRSD

Your receipt of this data submission is not an indication that MRIDs for the enclosed studies have been posted in OPPIN.

We expect that it will be approximately 5 days from the above date before the study-level data is available in OPPIN.

If you have any questions about this process, please contact Maureen Sherrill (305-5361) or Teresa Downs (305-5363).

This is a: ☒ fully accepted submission
☐ partially accepted submission
☐ rejected submission



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

May 31, 2006

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

MASON CHEMICAL CO
721 W ALGONQUIN RD
ARLINGTON HEIGHTS, IL 60005

Report of Analysis for Compliance with PR Notice 86-5

Thank you for your submittal of 07-FEB-06. Our staff has completed a preliminary analysis of the material. The results are provided as follows:

Your submittal was found to be in full compliance with the standards for submission of data contained in PR Notice 86-5. A copy of your bibliography is enclosed, annotated with Master Record ID's (MRIDs) assigned to each document submitted. Please use these numbers in all future references to these documents. Thank you for your cooperation. If you have any questions concerning this data submission, please raise them with the cognizant Product Manager, to whom the data have been released.

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**MASON CHEMICAL COMPANY****"The Quaternary Specialists"**

January 30, 2006

Tracy Lantz, PM31
Document Processing Desk
Office of Pesticide Programs (7510C), PM31
U.S. Environmental Protection Agency
Room 266A, Crystal Mall 2
1801 S. Bell St.
Arlington, VA 22202-4501

Subject: Maquat® MC1416-90%, 10324-165
Submission of additional information

Dear Tracy,

This is in response to your approval letter dated 1/24/06, asking us to resubmit the "Confidential Attachment" to our Group A Product Chemistry so that it can receive a MRID number. Please note this is an attachment to another study (MRID #466159-09).

Enclosed is the following:

1. One (1) copy of Application
2. Three (3) copies of resubmitted study attachment

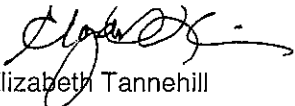
I believe this is only to receive a MRID no. and that it has already been reviewed. Therefore, **NO FEE IS REQUIRED.** However, if a fee is required, please let me know ASAP and I will send it in.

This is in response to EPA ltr dated 1/24/06 requesting more information. Therefore, no fee is required.

If you have any questions, please do not hesitate to contact me at 800-362-1855 or liz@maquat.com.

Very truly yours,

MASON CHEMICAL COMPANY


Elizabeth Tannehill

Enclosures

Transmittal Document

Maquat® MC1416-90%, 10324-165

Mason Chemical Company
721 W. Algonquin Road
Arlington Heights, IL 60005

Transmittal Date: 1/30/06

Regulatory Action: **Submission of corrected study**

List of Submitted Study:

46838001

MRID NO.

Volume 1

Product Chemistry (attachment to MRID # 466150-09)

COMPANY OFFICIAL

Elizabeth Tannehill

COMPANY NAME

Mason Chemical Company

COMPANY CONTACT

Elizabeth Tannehill 1-800-362-1855

**MASON CHEMICAL COMPANY****"The Quaternary Specialists"**

January 30, 2006

Tracy Lantz, PM31
Document Processing Desk
Office of Pesticide Programs (7510C), PM31
U.S. Environmental Protection Agency
Room 266A, Crystal Mall 2
1801 S. Bell St.
Arlington, VA 22202-4501

Subject: Maquat® MC1416-90%, 10324-165
Submission of additional information

Dear Tracy,

This is in response to your approval letter dated 1/24/06, asking us to resubmit the "Confidential Attachment" to our Group A Product Chemistry so that it can receive a MRID number. Please note this is an attachment to another study (MRID #466159-09).

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1. One (1) copy of Application
2. Three (3) copies of resubmitted study attachment

I believe this is only to receive a MRID no. and that it has already been reviewed. Therefore, **NO FEE IS REQUIRED.** However, if a fee is required, please let me know ASAP and I will send it in.

This is in response to EPA ltr dated 1/24/06 requesting more information. Therefore, no fee is required.

If you have any questions, please do not hesitate to contact me at 800-362-1855 or liz@maquat.com.

Very truly yours,

MASON CHEMICAL COMPANY


Elizabeth Tannehill

Enclosures

Transmittal Document

Maquat® MC1416-90%, 10324-165

Mason Chemical Company
721 W. Algonquin Road
Arlington Heights, IL 60005

Transmittal Date: 1/30/06

Regulatory Action: **Submission of corrected study**

List of Submitted Study:

46838001

MRID NO.

Volume 1 Product Chemistry (attachment to MRID # 466150-09)

COMPANY OFFICIAL

Elizabeth Tannehill

COMPANY NAME

Mason Chemical Company

COMPANY CONTACT

Elizabeth Tannehill 1-800-362-1855

W

Vol. 9

STUDY TITLE

PRODUCT CHEMISTRY DATA: MAQUAT® MC1416-90%

DATA REQUIREMENTS

GUIDELINE SERIES 830 (GROUP A)

AUTHOR

Elizabeth Tannehill

STUDY COMPLETED ON

August 2, 2005

PERFORMING LABORATORY

NONE

LABORATORY PROJECT ID

NONE

Pages 28-38 *Access to FIFRA health and safety data is restricted under FIFRA section 10(g)**Manufacturing process information may be entitled to confidential treatment*



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Antimicrobials Division (7510C)
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460

EPA Reg.
Number:
10324-
165

Date of Issuance:

JAN 24 2006

NOTICE OF PESTICIDE:
 x Registration

 Reregistration

(under FIFRA, as amended)

Term of Issuance:
CONDITIONAL

Name of Pesticide Product:
Maquat MC1416-90%

Name and Address of Registrant (include ZIP Code):

Mason Chemical Company
721 Algonquin Road
Arlington Heights, IL 60005

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Add the phrase EPA Registration Number "EPA Reg. No. 10324-165".

Signature of Approving Official:

Velma Noble
Regulatory Management Branch 1
Antimicrobial Division (7510C)

Date:

JAN 24 2006

3. Make the following revisions to the label.

A. You have used the selective and "cite-all" method to support the acute toxicity data requirements for this product. Based on this method of support, your submitted studies and the information from the Agency database is being used to determine the toxicity profile for this product.

<u>Data Requirement</u>	<u>Category</u>	<u>Method of support:</u>
Acute Oral	III	466150-01
Acute Dermal	II	466150-02
Acute Inhalation	II	Cite-all
Primary Eye	I	Cite-all
Primary Skin	I	Cite-all
Dermal Sensitization	non-sensitizer	466150-03

Based on this toxicity profile, revise your "Precautionary Statement" to include the following:
"...May be fatal if inhaled or absorbed through the skin..." and "Wear a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any N, R, P or HE prefilter."

B. Based on this profile, revise the order of the "First Aid" statements such that the "If Inhaled" statement immediately precedes the "If Swallowed" statement.

4. On October 13, 2005 the Agency received a "Confidential Attachment" concerning the Group A Product Chemistry data requirements for this product. This is a correction for the previously submitted study MRID 466150-09. Resubmit this "Confidential Attachment" in the form of a study such that this information may receive an MRID. Identify this study as an attachment to 466150-09.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records. Submit one (1) copy of the final printed label and the chemistry information identified above prior to the release of the product for shipment. If you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,



Velma Noble
Product Manager 31
Regulatory Management Branch 1
Antimicrobial Division (7510C)

Material to be added to a Mini-Jacket (in the case where an e-Jacket exists)

Reg. No. 10324-165

Send to SIG: check box ☒

This material is:

- ☐ New stamped-accepted label
- ☐ New CSF
- ☐ Notification
- ☒ Final Printed Label
- ☐ Other: _____

Instructions: Attach this notice on top of the material. It must be clipped all together and there should be NO STAPLES in the material. Then give the material with this coversheet to staff in the Information Services Center (Room 230).

Reviewer's Name: Angela Becker

Phone: 703-308-6369 Division: AD

Date: 4/25/06



MASON

CHEMICAL COMPANY

The Quaternary Specialists

January 30, 2006

Tracy Lantz, PM31
Document Processing Desk
Office of Pesticide Programs (7510C), PM31
U.S. Environmental Protection Agency
Room 266A, Crystal Mall 2
1801 S. Bell St.
Arlington, VA 22202-4501

Subject: Maquat® MC1416-90%, 10324-165
Final Label

*File
in
Jacket*


Dear Tracy,

Enclosed is a final copy of the label, Maquat® MC1416-90%, 10324-165.

If you have any questions, please do not hesitate to contact me at 800-362-1855 or liz@maquat.com.

Very truly yours,

MASON CHEMICAL COMPANY


Elizabeth Tannehill

Enclosures

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS
AND DOMESTIC ANIMALS**

DANGER. KEEP OUT OF REACH OF CHILDREN. Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed. May be fatal if inhaled or absorbed through skin. Do not breathe vapor or spray mist. Do not get in eyes, on skin or on clothing. Wear a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any N, R, P or HE prefilter. Wear goggles or face shield and rubber gloves and protective clothing when handling. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash clothing before reuse.

ENVIRONMENTAL HAZARD

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.
Do not mix with oxidizers, soap or other anionic materials.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Open dumping is prohibited. Store only in original container. Do not reuse empty container. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use. Keep from freezing.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

SPILL OR LEAK PROCEDURES: Small spills may be mopped up, flushed away with water or absorbed on some absorbent material and incinerated. Large spills should be contained; the material then moved into containers and disposed of by approved methods for hazardous wastes.

CONTAINER DISPOSAL (Larger than 1 gal.): Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. In addition, plastic containers may be disposed of by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. For formulation into antimicrobial products for use in agricultural/farm premises, structures, buildings, and equipment; dairy farm milk handling facilities, equipment, storage rooms, houses and sheds; food processing plant, food handling, food distribution equipment and premises; eating establishment premises and equipment; commercial, institutional, and industrial premises and equipment (floors, walls, storage areas); domestic dwellings, food handling areas, bathroom premises (hard surfaces), indoor premises; and medical institutional critical care and non-critical premises and laundry. For formulation into antimicrobial products for use in air conditioner/refrigeration condensate water systems, air washer and industrial scrubbing systems, once-through and recirculating industrial/commercial cooling water systems, pulp/paper mill water systems, and swimming pools wood preservation - seasoned wood pressure/thermal treatment and non-pressure treatment (joinery/remedial), and sapstain treatment, gas/oil drilling muds/packet fluids, gas/oil recovery injection water systems, mushroom houses/empty premises equipment, egg handling equipment and rooms, egg washing treatment poultry processing plant equipment, premises, meat processing plant/equipment.

Formulators using this product are responsible for providing data for the EPA registration of their formulated products.

ACTIVE INGREDIENTS:

n-Alkyl (60%C₁₄,30%C₁₆,5%C₁₂,5%C₁₈)

dimethyl benzyl ammonium chloride90.00%

INERT INGREDIENTS:10.00%

TOTAL:100.00%

Weight Approx. 7.4 lb/gal.

First Aid

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

MASON CHEMICAL COMPANY

"THE QUATERNARY SPECIALISTS"

721 W. Algonquin Road
Arlington Heights, IL 60005

847-290-1621

Toll Free:

1-800-362-1855

E.P.A. Reg. No. 10324-165

E.P.A. Est. No. 10324-IL-1



NET CONTENTS

BATCH NO

February 3, 2006

Ms. Velma Noble (PM 31)
Regulatory Management Branch I
U.S. Environmental Protection Agency
Antimicrobial Division (7510C)
1801 South Bell St.
Arlington, VA 22202-4501

*File
in
Index*

RE: Veterinarian Type Disinfectant
EPA Reg. No. 1839-100

Dear Ms. Noble:

Enclosed with this letter are three (3) copies of the final printed label for the above referenced registration. This label is being submitted pursuant to the Agency's acceptance letter dated January 12, 2006. We request that this label be added to this registration's file.

Should you have any questions concerning this registration, please contact me at 847/501-2278.

Sincerely,
STEPAN COMPANY

Nancy S. Maitzen

Nancy S. Maitzen
Regulatory Analyst

NSM:slf

cc: Tom Isaac

Enclosures

011-06-nm-USEPA-100Label





United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 1839-100	2. EPA Product Manager Velma Noble	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Veterinarian Type Disinfectant	PM# 31	
5. Name and Address of Applicant (Include ZIP Code) STEPAN COMPANY 22 W. Frontage Rd. Northfield, IL 60093 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated <u>January 12, 2006</u>
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Final printed label copy.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal	
				<input checked="" type="checkbox"/> Plastic	
				<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted					
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 8, 16, 32 oz; 1, 5, 55 gal.		5. Location of Label Directions <input checked="" type="checkbox"/> on label	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Nancy S. Maitzen		Title Regulatory Analyst		Telephone No. (Include Area Code) 847/501-2278	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					6. Date Application Received (Stamped)
2. Signature 		3. Title Regulatory Analyst			
4. Typed Name Nancy S. Maitzen		5. Date February 3, 2006			

Veterinarian Type Disinfectant

- DISINFECTANT
- DETERGENT
- DEODORANT
- *VIRUCIDE
- MILDEWSTAT
- With Organic Soil Tolerance for Veterinary Clinics, Animal Hospitals, Pet Shops, Kennels, Animal Care Facilities, Tack Shops, Animal Life Science Laboratories, Breeding and Grooming Establishments and Farms
- KILLS GERMS**

ACTIVE INGREDIENTS

n-Alkyl (60% C ₁₄ , 30% C ₁₆ , 5% C ₁₂ , 5% C ₁₈)	
dimethyl benzyl ammonium chlorides.....	4.5%
n-Alkyl (68% C ₁₂ , 32% C ₁₄) dimethyl	
ethylbenzyl ammonium chlorides	4.5%
INERT INGREDIENTS	91.0%
Total	100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

If swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

(OPTIONAL) You may contact xxx/xxx-xxxx for emergency medical treatment information.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

See side (back) panel for additional precautionary statements.

EPA REG. NO. 1839-100
EPA EST. NO. 1839-IL-01

STEPAN COMPANY

22 West Frontage Road
Northfield, IL 60093

NET CONTENTS

This product (product name) contains no phosphorous.

By effectively controlling odors, this product (product name) minimizes labor.

When used as directed, this product (product name) will deodorize surfaces where bacterial growth can cause malodors.

Cross contamination is of major housekeeping concern. This product (product name) has been formulated to aid in the reduction of cross-contamination on treated surfaces.

This product (product name) delivers non-acid toilet and urinal disinfection performance in an economical concentrate.

This product (product name) is a concentrated disinfectant that is effective against a broad spectrum of bacteria and is *virucidal when used as directed.

This product (product name) is an economical concentrate that can be used with a mop and bucket, trigger sprayers and cloth/sponge.

This product (product name) will not leave a grit or soap scum.

This product (product name) is a versatile disinfectant and *virucide for use in Veterinarian, Animal Care and Farm premises and equipment.

This product (product name) inhibits odor causing bacterial growth on moist surfaces and deodorizes by killing microorganisms that cause offensive odors.

This product (product name) neutralizes musty odors and tough odors from pet accidents on contact.

Use this product (product name) on multi-touch surfaces responsible for cross-contamination.

This product (product name) provides long lasting freshness against tough (pet) odors such as odors from litter boxes and pet accidents.

This product (product name) for use in:

- Veterinary clinics, animal hospitals, animal life science laboratories, kennels, pet animal kennels, breeding and grooming establishments, pet animal quarters, zoos, pet shops, tack shops and other animal care facilities.
- Animal holding areas, veterinary waiting rooms, veterinary examination rooms, veterinary X-ray rooms, veterinary operating rooms.
- Animal transportation vehicles.

This product (product name) may be used on washable hard non-porous surfaces:

- Non-food contact glass, metal, stainless steel, glazed porcelain, glazed ceramic, granite, marble, plastic, chrome and vinyl.
- Toilet bowls, urinals, sinks, faucets.
- Enameled surfaces, painted woodwork, Formica®, non-porous vinyl and plastic upholstery.
- Tables, chairs, desks, lifts, washable walls, cabinets, doorknobs and garbage cans.
- Veterinarian examination tables, Veterinarian X-ray tables, animal washing areas, animal grooming areas.
- Telephone receivers, telephone keypads, telephones.
- Kennels, kennel runs, cages, floors, conductive flooring.
- Animal feeding and watering equipment.

This product (product name) is recommended for Poultry Premise Sanitation (Hatcheries):

Egg Receiving Area	Tray Dumping Area	Chick Processing Area
Egg Holding Area	Chick Holding Area	Chick Loading Area
Setter Room	Hatchery Room	Poultry Buildings

This product (product name) is recommended for Swine Premise Sanitation:

Farrowing Barns and Areas	Dressing Plants	Blocks
Waterers and Feeders	Loading Equipment	Creep Area
Hauling Equipment	Nursery	Chutes

Veterinarian Type Disinfectant (this product) (product name) is designed for use in veterinary clinics, animal hospitals, animal laboratories, animal life science laboratories, animal care facilities, kennels, tack shops, pet shops, zoos, pet animal quarters, stables, farms and pet grooming/breeding establishments. When used as directed, this formulation is specifically designed to disinfect, deodorize and clean inanimate, hard, non-porous surfaces: walls, floors, sink tops, furniture, operating tables, kennel runs, cages, and feeding and watering equipment. In addition, this product will deodorize those areas that are generally hard to keep fresh smelling such as garbage storage areas, empty garbage bins and cans, and any other areas which are prone to odors caused by microorganisms.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

DISINFECTION - For disinfecting, add 1 ounce of this product (product name) to one gallon of water. Apply this solution with a mop, cloth, sponge, hand pump trigger sprayer, or low pressure coarse sprayer so as to wet all surfaces thoroughly. Allow surfaces to remain wet for 10 minutes and then let air dry.

****Kills** *Pseudomonas aeruginosa*, *Escherichia coli*, *Klebsiella pneumoniae*, *Salmonella schottmuelleri*, *Salmonella choleraesuis*, *Streptococcus faecalis*, *Shigella dysenteriae*, *Enterobacter aerogenes*, *Staphylococcus aureus*, *Bordetella bronchiseptica*, Canine Distemper, Pseudorabies virus, Vaccinia virus, Influenza A2, Herpes Simplex Type 1, Adenovirus Type 2, Bovine Viral Diarrhea Virus (BVDV), Norwalk Virus, Feline Calicivirus (FCV), Canine Parvovirus (CPV), Canine Adenovirus, Canine Coronavirus, Canine Parainfluenza Virus, Feline Coronavirus, Feline Rhinotracheitis Virus, Feline Picornavirus, Feline Panleukopenia and Porcine Parvovirus.

BACTERICIDAL ACTIVITY - When used as directed, this product (product name) demonstrates effective disinfectant activity against *Pseudomonas aeruginosa*, *Escherichia coli*, *Klebsiella pneumoniae*, *Salmonella schottmuelleri*, *Salmonella choleraesuis*, *Streptococcus faecalis*, *Shigella dysenteriae*, *Enterobacter aerogenes* and *Staphylococcus aureus*. When used as directed, this formulation is an effective disinfectant against *Pseudomonas aeruginosa* in animal hospitals and laboratories.

At 4 ounces per gallon or equivalent dilution rate (2812 ppm (mg/L) active quat), this product (product name) is effective against *Bordetella bronchiseptica* (causative agent of bacterial Kennel Cough) on hard, non-porous environmental surfaces.

***VIRUCIDAL ACTIVITY** - When used at the 1 ounce to one gallon or equivalent dilution rate (703 ppm (mg/L) active quat), this product exhibits effective virucidal activity on inanimate, hard surfaces against Canine Distemper, Pseudorabies virus, Vaccinia virus, Influenza A2, Herpes Simplex Type 1, Adenovirus Type 2, Bovine Viral Diarrhea Virus (BVDV), Norwalk Virus, and Feline Calicivirus (FCV).

Disinfection and Virucidal (1 oz. per gallon) Dilution Chart

Ounces of Product	Water
¼ oz.	quart
½ oz.	½ gallon
1 oz.	gallon
2 ozs.	2 gallons
5 ozs.	5 gallons
15 ozs.	15 gallons
30 ozs.	30 gallons

At 4 ounces per gallon or equivalent dilution rate (2812 ppm (mg/L) active quat), this product (product name) is effective against the following viruses on hard non-porous environmental surfaces: Canine Parvovirus (CPV), Canine Adenovirus (causative agent of Infectious Canine Hepatitis), Canine Coronavirus (causative agent of Canine Coronavirus Disease, Canine Gastroenteritis), Canine Parainfluenza Virus (causative agent of viral Kennel Cough), Feline Panleukopenia (Feline Parvovirus), Feline Rhinotracheitis (causative agent of Feline Herpesvirus Infection), Feline Coronavirus (causative agent of Feline Infectious Peritonitis), Feline Picornavirus (causative agent of Feline pneumonitis) and Porcine Parvovirus

Canine Parvovirus (CPV) Activity: At 4 ounces per gallon of water or equivalent dilution, this product (product name) inactivates Canine Parvovirus (CPV) on hard, non-porous, environmental surfaces in the presence of 5% blood serum with a 10 minute contact time.

Virucidal (4 ozs. per gallon) Dilution Chart

Ounces of Product	Water
1 oz.	quart
2 ozs.	½ gallon
4 ozs.	Gallon
8 ozs.	2 gallons
20 ozs.	5 gallons
60 ozs.	15 gallons
120 ozs.	30 gallons

EFFICACY TESTS HAVE DEMONSTRATED THAT THIS PRODUCT IS AN EFFECTIVE BACTERICIDE AND VIRUCIDE IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).

MILDEWSTAT - To control mold and mildew on pre-cleaned hard, non-porous surfaces, add 1 ounce to one gallon or equivalent dilution of water. Apply use-solution with a cloth, mop, sponge, hand pump trigger sprayer or low pressure coarse sprayer making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth reappears.

DEODORIZATION - To deodorize, add 1 ounce of this product (product name) per gallon of water or equivalent dilution of water (703 ppm (mg/L) active quat). Excess material should be wiped up or allowed to air dry.

For (pet) (domestic animal) odors: Use on carpets, floors, walls, tile, cages, pet beds, litter boxes, mats, floor coverings, area rugs or any surface soiled by a pet (domestic animal). Test a small inconspicuous area first. Blot problem area, then follow directions for DEODORIZATION.

For cleaning and disinfecting the following hard non-porous surfaces: equipment, utensils, instruments, cages, kennels, stables, stalls, and catteries. Remove all animals and feeds from premises, animal transportation vehicles, crates, etc. Remove all litter, droppings and manure from floors, walls and surfaces of facilities occupied or traversed by animals. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with a use-solution of 1 ounce per gallon (703 ppm active quat) of water (or equivalent dilution) for a period of 10 minutes. Immerse all halters, ropes and other types of equipment used in handling and restraining animals as well as forks, shovels, and scrapers used for removing litter and manure. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, automatic feeders, waterers and other equipment which dispenses food or water with soap or detergent and rinse with potable water before reuse.

For feeding and watering equipment, RINSE WITH POTABLE WATER after disinfecting.

For heavily soiled or contaminated areas, a pre-cleaning step is required. Prepare a fresh solution for each use.

POULTRY (AND SWINE) PREMISE SANITATION DIRECTIONS-

Site Preparation: The first step in any on-going sanitation program should be the removal of gross contamination and debris. This may be accomplished using a shovel, broom, or vacuum depending on the area to be disinfected. The efficacy of even the most efficient germicidal cleaner is reduced in the presence of heavy organic matter. Once the heavy debris is eliminated, thoroughly clean all surfaces with soap or detergent and rinse with water.

Cleaning And Disinfection: For all general cleaning and disinfecting use 4 ounces of this product (product name) per gallon of water. Apply this product (product name) using a cloth, mop, hand pump trigger sprayer or low pressure coarse sprayer so as to thoroughly wet surface to be disinfected. Allow to remain wet for 10 minutes and then let air dry. For heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution after each use.

DISINFECTION/VIRUCIDAL ACTIVITY OF POULTRY/TURKEY EQUIPMENT, SWINE QUARTERS, ANIMAL QUARTERS AND KENNELS DIRECTIONS - Remove all animals and feeds from premises, trucks, cars, coops and crates. Remove all litter, droppings and manure from floors, walls and surfaces of facilities occupied or traversed by animals. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Use 4 ounces of this product (product name) per gallon of water. Saturate surfaces with the recommended disinfecting solution for a period of 10 minutes. Ventilate buildings, coops and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains and waterers with soap or detergent, and rinse with potable water before reuse. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure.

Hatcheries: Use 4 ounces of this product (product name) per gallon of water to treat the following hard non-porous surfaces: hatchers, setters, trays, racks, carts, sexing tables, delivery trucks and other hard surfaces. Leave all treated surfaces exposed to disinfectant solution wet for 10 minutes or more. Rinse with potable water before reuse. Then allow to air dry.

Vehicles: Clean all vehicles including mats, crates, cabs, and wheels with high pressure water and this product (product name). Use 4 ounces per gallon to treat all vehicles. Leave all treated surfaces exposed to disinfectant solution wet for 10 minutes or more.

RENDERING PLANT/DRESSING PLANT DISINFECTION DIRECTIONS - Disinfect equipment, utensils, walls and floors in poultry and dressing plants with a use-solution of 1 ounce of this product (product name) per gallon of water or equivalent use dilution (703 ppm (mg/L) active quat). Equipment and utensils must remain wet for 10 minutes then thoroughly rinsed with potable water before operations are resumed. Disinfect all rooms, exterior walls and loading platforms of dressing plants.

VETERINARY PRACTICE/ANIMAL CARE/ANIMAL LABORATORY/ZOOS/PET SHOP/KENNELS/ BREEDING AND GROOMING ESTABLISHMENTS/TACK SHOPS/ANIMAL LIFE SCIENCE LABORATORIES DISINFECTION & *VIRUCIDAL ACTIVITY DIRECTIONS - For cleaning and disinfecting the following hard non-porous surfaces: equipment not used for animal food or water, utensils, instruments, cages, kennels, stables, catteries, etc. Remove all animals and feed from premises, animal transportation vehicles, crates, etc. Remove all litter, droppings and manure from floors, walls and surfaces occupied or traversed by animals. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with a use-solution of 4 ounces of this product (product name) per gallon of water (or equivalent dilution) for a period of 10 minutes. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, automatic feeders, waterers and other equipment that dispenses food or water with soap or detergent, and rinse with potable water before reuse.

FARM PREMISE DISINFECTION DIRECTIONS (For Use in Equine, Dairy and Hog Farms):

Do not use in milking stalls, milking parlors or milk houses.

1. Remove all animals and feed from premises, vehicles and enclosures.
2. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other facilities and fixtures occupied or traversed by animals.
3. Empty all troughs, racks and other feeding and watering appliances.
4. Thoroughly clean all surfaces with soap or detergent and rinse with water.
5. Saturate all surfaces with a use-solution of 4 ounces of this product (product name) per gallon of water (or equivalent dilution) for a period of 10 minutes.
6. Immerse all halters, ropes and other types of equipment used in handling and restraining animals as well as forks, shovels and scrapers used in removing litter and manure.
7. Ventilate buildings, cars, trucks, boats and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed, set or dried.
8. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains and waterers with soap or detergent and rinse with potable water before reuse.

NON-ACID TOILET BOWL DISINFECTANT DIRECTIONS - Remove gross filth prior to disinfecting.

From Concentrate: Add 1 ounce of this product (product name) to the toilet bowl water or urinal and mix. Brush thoroughly over exposed surfaces and under the rim with toilet bowl brush. Allow to stand for 10 minutes and flush.

From Use-solution: Empty toilet bowl or urinal and apply 1 ounce of this product (product name) per gallon of water or equivalent dilution to exposed surfaces including under the rim with a toilet bowl brush, a cloth, mop, sponge, hand pump trigger sprayer, or low pressure sprayer; brush or swab thoroughly and allow to stand for 10 minutes and flush. For sprayer application use a coarse spray device.

(Alternative language for bag in the box dispensing equipment)

DIRECTIONS FOR BAG-IN BOX CONTAINERS

How to use this package: This package is designed to be used with dilution control systems only. Open package and connect to dispenser according to the directions on the box.

Trigger sprayers: Fill bottle from dispenser. Apply to surfaces according to directions above.

Mop Buckets: Fill bucket from dispenser. Set up "Wet Floor" signs. Mop floor surfaces as specified in directions above.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

KEEP OUT OF REACH OF CHILDREN. CORROSIVE. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. May be fatal if absorbed through skin. Harmful if swallowed. Wear goggles or face shield, rubber gloves, and protective clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash before reuse.

(The following statement is required for product supplied in 5 gallon containers or greater.)

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.

PESTICIDE STORAGE - Store in a dry place no lower in temperature than 50°F or higher than 120°F.

CONTAINER DISPOSAL - Do not reuse empty container. Triple rinse empty container with water. Return metal drum then offer for reconditioning or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers may be disposed of in a sanitary landfill, incinerated, or if allowed by local authorities, by burning. If burned, stay out of smoke.

For containers 1 gallon or less: Do not reuse empty container. Wrap in newspaper and discard in trash.

PESTICIDE DISPOSAL - Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.